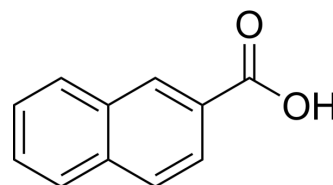


2-Naphthoic acid

Cat. No.:	HY-W007437		
CAS No.:	93-09-4		
Molecular Formula:	C ₁₁ H ₈ O ₂		
Molecular Weight:	172.18		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (580.79 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Concentration</div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	5.8079 mL	29.0394 mL	58.0788 mL
		5 mM	1.1616 mL	5.8079 mL	11.6158 mL
		10 mM	0.5808 mL	2.9039 mL	5.8079 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (14.52 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.52 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	2-Naphthoic acid is an organic compound commonly used as a raw material for dyes and the production of other chemicals. It can form dyes with other organic substances and is widely used in textile, printing and manufacturing fields. In addition, the compound is also used as a photosensitive material and a lubricant.
In Vitro	2-Naphthoic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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